Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 27 Oct 2020 until 23:59 on Wednesday 28 Oct 2020

Forecast Issued on Tuesday 27 Oct 2020 at 00:25

Confidence: High for unsettled weather with rain or showers dominating the period, but confidence gradually lowering for timing and extent of worst conditions.

Headline for Tuesday 27 Oct 2020: Area of rain during morning, clearing to showers in afternoon.

Mountain weather hazards on Tuesday 27 Oct 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain	Heavy Rain	Light rain	Light rain showers (night)	Partly cloudy (night)
Precipitation probability					
30%	60%	90%	60%	40%	20%

Forecast for Tuesday 27 Oct 2020

Weather: Area of light to moderate rain pushing in from the west early morning, which clears around mid-afternoon with sunshine and showers following on behind. Showers and clear spells for the evening but becoming mostly dry by midnight.

Chance of cloud free mountain/hill tops above 600m: Initially 70%, lowering to 20% by mid-morning as bases become broken down to 450-600m. Improving again late afternoon to 70% as bases lift and break, although heavy showers will bring them down again.

Visibility: Generally moderate or poor in the rain and showers, although with greater variability during the afternoon. Excellent outside of showers and very poor in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 27 Oct 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	20/28 S	25/35 S	23/32 SW	21/29 SW	22/32 SW	25/38 SW
300	14/23 S	15/24 S	21/30 SE	17/26 SW	15/25 SW	16/26 SW	18/30 SW
Valley	7/21 S	9/21 S	13/29 SE	12/26 SW	10/25 SW	10/24 SW	12/28 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	5/-1	6/0	8/3	5/0	4/-1	4/-2
300	6/2	6/2	8/3	10/7	8/4	6/2	6/1
Valley	6/4	7/4	8/5	10/8	8/6	7/4	6/2
Freezing Level*	1200m	1600m	2300m	1700m	1400m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions between mid-morning and mid-afternoon with extensive hill fog and strong summit winds. Winds will remain gusty in and around showers during the afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 27 Oct 2020	0mm	0mm	0mm

Forecast for Wednesday 28 Oct 2020

Weather: Showers will be frequent and heavy at times with the risk of hail and thunder, although there will be some sunshine in between. Showers will become lighter and less frequent late evening, with eastern areas of the park seeing the most shelter.

Maximum wind: Southwesterly initially, with a mean of 25mph, with gusts reaching 40mph across most exposed ridges and summits. These will ease a little late morning and early afternoon but gusts will remain similar around showers.

Chance of cloud free mountain/hill tops above 600m: For any given time around 70%, but lowering with bases down to 450-600m as showers push through.

Visibility: Excellent outside of showers, reducing the moderate to poor in showers with significant variability in visibility across the park.

Temperature: **Valleys:** Plus 4 Celsius increasing to Plus 11 Celsius during the afternoon
At 600m: Plus 3-4 Celsius
Freezing level: Around 1200m

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